



KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: www.kscst.org.in || Email: spp@kscst.org.in || Tel: 080-2334 1652,2334 8848/49/40

49th series of Student Project Programme (SPP): 2025-26

MIDTERM EVALUATION

Date: 14 April 2026, 9.30 AM

Session Link: <https://meet.google.com/qwv-fxbh-ige>

Note:

- **Only the below-mentioned project teams should join the session**
- Project evaluations will be conducted in the order listed below. Each presentation/demonstration will last approximately **8-10 minutes**, followed by **2-3 minutes for a Q&A session**.
- If a project team is absent when called, the next project in the sequence will be invited to present. Therefore, all concerned students must join the meeting and be **available at least 30 minutes prior to their scheduled time** for project interaction.
- A lunch break will be announced by the evaluator during the afternoon session. Teams are advised to plan accordingly and manage their time to ensure smooth participation.
- **Requests for postponement of project evaluations will not be entertained.** If a project team is absent, it will be considered as **not completed / not having taken up the project**, and the institution will be informed to **refund the sanctioned amount**.
- Projects selected for the Annual State-Level Poster Presentation and Exhibition will be held in July 2026. The selected projects will be announced in **May 2026**, after completion of the evaluation process.

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE COLLEGE	NAME OF THE GUIDE (S)	NAME OF THE STUDENT (S)
1.	49S_MTECH_0052 (BE)	DESIGN AND FABRICATION OF AUTONOMOUS DRONES FOR GPS DENIED AREA	B.E.	MECHATRONICS / MECHANICAL ENGINEERING	REVA UNIVERSITY, BENGALURU	Dr. NIKHIL RANGASWAMY	Mr. VARUN KUMAR G Mr. ARJUN GOPALAKRISHNA PILLAI Mr. ABHINAV S NAIR Mr. ANIRUDH NAGARAJ MERA VANIGE

2.	49S_BE_5912	DEVELOPMENT OF AN AUTONOMOUS FLOATING ROBOT FOR LAKE WASTE REMOVAL	B.E.	MECHATRONICS ENGINEERING	REVA UNIVERSITY, BENGALURU	Dr. MADHU B P	Mr. VISHWA SAI VIPUL KANUGULA Mr. LUV BABEL Mr. BHAVISH M GOWDA Mr. SIDDU T
3.	49S_BE_5434	AGRO-BOT:AUTONOMOUS WEED REMOVAL ROBOT	B.E.	ROBOTICS AND AUTOMATION	REVA UNIVERSITY, BENGALURU	Prof. KRUPATEJA S	Mr. PRAMOD AS Mr. MADHAVAN R Mr. NIKHIL N Mr. ROHAN M
4.	49S_BE_6672	AUTONOMOUS DISASTER-RELIEF DRONE FOR EMERGENCY MOBILE NETWORK EXTENSION	B.E.	ROBOTICS AND AUTOMATION	REVA UNIVERSITY, BENGALURU	Dr. VIDYASAGAR K N	Mr. SHIVA SURENDRA Mr. NEELALOCHAN K M Mr. AKASH VERGHESE Mr. ABHISHEK N
5.	49S_BE_6320	NEURO-SYNC BEATS: TRANSFORMER-BASED EEG EMOTION RECOGNITION USING DIFFERENTIAL ENTROPY FEATURES	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	RNS INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. MAHANTESH K	Ms. SANJANA H G Mr. A T VINAY REDDY Ms. ANKITA ANIL CHOUGULE Mr. N S SAI SHARAN
6.	49S_BE_6825	CEREBRALCHAT: A HYBRID 3D-CNN AND BI-LSTM MODEL FOR IMAGINED SPEECH RECOGNITION FROM EEG SIGNAL	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	RNS INSTITUTE OF TECHNOLOGY, BENGALURU	Ms. SMITHA BA	Ms. DHARINI E Ms. IMPANA P NITTUR Ms. SHRI VIDYA V K Mr. SUMUKH P SHETTY
7.	49S_BE_4967	AGROX: A LOW-COST SENSOR & DEEP LEARNING-BASED SMART SPRAYER ATTACHMENT FOR CONTROLLED AND UNIFORM PESTICIDE DISTRIBUTION	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAVI	Prof. CHANDRASHEKARA H Dr. SHANTESH G	Mr. AYUSH TAMMANAVAR Mr. ANSHUL HALAKARNI Ms. RANIA JAMADAR Ms. RUTUJA CHOPADE
8.	49S_BE_2004	EMPOWERING CYBER DEFENSE USING AI POWERED EXPERT SYSTEMS	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA	Prof. DARSHANA A	Mr. MOUNISH KUMAR K M Mr. PRAJWAL Mr. SUPRITH M Mr. NIKIL B V

9.	49S_BE_4623	EFFECT OF PECTORAL MUSCLES ON CNN BASED MAMMOGRAPHIC CANCER DETECTION	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA	Prof. SANDHYA R	Mr. MANOJ B V Mr. HEMANTH G M Mr. HEMANTH KUMAR H J Mr. DHANRAJ K GOUDA
10.	49S_BE_4657	POST QUANTUM CRYPTOGRAPHY USING BRAHMI SCRIPT	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA	Prof. HARSHITHA BN	Mr. KAMANNA KARTHIK Mr. AKHIL BASHETTY Mr. NALAGISIGARI SREEDHAR KUMAR REDDY
11.	49S_BE_0185	DESIGN AND DEVELOPMENT OF AN AUTONOMOUS SPHERICAL ROBOT FOR INTELLIGENT POWER GRID INSPECTION AND FAULT DETECTION	B.E.	ROBOTICS AND AUTOMATION	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Mr. YATHISHA K K	Mr. SHRAVAN PAI Mr. SACHIN KUMAR Mr. CHINTHAN Mr. SHRI RAM K
12.	49S_BE_0247	DESIGN AND FABRICATION OF SMART AIRPORT LUGGAGE TROLLEY(SALT) SYSTEM	B.E.	ROBOTICS AND AUTOMATION	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Mr. VINAY B U Mr. PAVITRA AJAGOL	Mr. SAMBHRAM M Ms. ANKITHA V V Ms. DEEKSHITHA G M Mr. MAHAMMADHUJEFA ANSARI
13.	49S_BE_0546	DESIGN AND DEVELOPMENT OF AUTOMATED FISH SORTING AND GRADING SYSTEM USING AI AND COMPUTER VISION	B.E.	ROBOTICS AND AUTOMATION	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Mr. YATHISHA K K Mr. ADESH PADIVAL	Mr. MOHAMMED ASAD ILIAS SHAIKH Mr. MOHAMMED AFNAN
14.	49S_BE_1139	DESIGN AND DEVELOPMENT OF ALL-TERRAIN UNMANNED VEHICLE	B.E.	ROBOTICS AND AUTOMATION	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Mr. VINAY B.U	Mr. AMOG Ms. RITHUPARNA K.S Ms. SAHANA PRIYA I P Ms. SANJANA
15.	49S_BE_1593	ACCIDENT DETECTION AND ALERT SYSTEM WITH GEOFENCING TECHNOLOGY	B.E.	ROBOTICS AND AUTOMATION	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Dr. PRASAD CHANDRAN N	Mr. VINAYAK SHET Mr. ASTHIK K L Mr. PRAMITH B G Mr. SAMARTH G R

16.	49S_BE_2653	AN EXPLAINABILITY - FOCUSED COMPUTATIONAL FOR ANTI CHEAT AND CHURN MONITORING IN ONLINE INTERACTIVE GAMING PLATFORMS	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	SAMBHRAM INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. B. VANI Prof. MAMATHA B.L	Mr. SAKE AJAY Mr. BHARATH R Ms. MEGHANA P Mr. SRINITH N
17.	49S_BE_3464	IOT-ML BASED ELECTRICITY THEFT DETECTION	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	SAMBHRAM INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. MAMATHA B.L	Ms. GOLLA JYOTHIKA Mr. MD ARSLAN Mr. PAVAN B Ms. SANYUKTA DAS
18.	49S_BE_4983	IDM-VTON: DIFFUSION-BASED VIRTUAL TRY-ON WITH GARMENT-GUIDED CROSS-ATTENTION	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	SAMBHRAM INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. MAMATHA. M	Mr. THEJAS C Ms. K SAKSHI Ms. SHRUTHI G Mr. DHANUSH C M
19.	49S_BE_5177	DETECTION OF ELBOW FRACTURE USING LIGHTWEIGHT DEEP LEARNING MODELS	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI	Dr. RAJESH NAYAK	Ms. SAMEEKSHA Ms. RITHIKA Ms. SINCHANA Ms. SNEHA
20.	49S_BE_5625	AI-POWERED INVESTMENT ADVISOR	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI	Prof. RANJAN KUMAR H S	Ms. SHREYA S KHARVI Ms. DISHA NAYAK Ms. IZMA ILYAS Ms. SHRAVANI
21.	49S_BE_6122	AI POWERED MICROPLASTIC DETECTION SYSTEM	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI	Mrs. MAMATHA S	Mr. PRAJWAL Mr. AKSHAY KUMAR Mr. KOTIAN SHUBHAM PRAKASH Mr. KUSHIK POOJARY

22.	49S_BE_6887	A DATA-DRIVEN APPROACH TO MONITOR JASMINE PLANT HEALTH USING SOIL DATA AND LEAF IMAGES	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI	Dr. RAJESH NAYAK	Ms. KAVYA VENKATESH ACHARI Ms. PRAJNA HEBBAR Ms. SHREEPRIYA Ms. SHREYA R SHETTY
23.	49S_BE_3718	AI EMPOWERED PRICE PREDICTION FOR ONLINE PRODUCTS	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMAKURU	Dr. S KRISHNA ANAND	Ms. BHAVYASHREE D C Ms. DHIVYASHREE N Ms. MONIKA R Ms. RASHMI S R
24.	49S_BE_3734	AI ENABLED IOT SYSTEM FOR AUTOMATED WASTE SEGREGATION IN SMART CITIES	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMAKURU	Mrs. VARSHA NAGARAJ	Mr. VINAY A Mr. SHARATH K M Mr. SINDU P Mr. RENUKA PRASAD B J
25.	49S_BE_3206	DESIGN AND DEVELOPMENT OF A SEMI-AUTOMATED ROBOTIC BIOPSY SYSTEM	B.E.	MEDICAL ELECTRONICS	SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU	Prof. SAHANA S RAO Dr. RAJU A.S	Mr. ABDUL RAZAK Mr. ARUN PATEL IC Mr. HM ABHISHEK PATEL
26.	49S_BE_5738	DESIGN AND DEVELOPMENT OF A SPINAL BRACE TO PREVENT BACK PAIN	B.E.	MEDICAL ELECTRONICS	SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU	Prof. KANTHARAJU Dr. ASHWINI K	Ms. BHOOMIKA.L Ms. KRUTHIKA H T
27.	49S_BE_5839	WEARABLE ROBOTIC EXOSKELETON SYSTEM WITH INTEGRATED HEALTH MONITORING AND WEB DASHBOARD	B.E.	MEDICAL ELECTRONICS	SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU	Dr. PURNIMA P.S Dr. LATHA.K	Mr. NAVEEN M.P Mr. AMOGHAVARSHA LP Mr. MALATESH V.D
28.	49S_BE_2771	CARDIOVASCULAR RISK PREDICTION BASED ON RETINAL EYE IMAGE ANALYSIS USING AI	B.E.	COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE)	SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU	Mrs. VIMALA DEVI R	Ms. VAISHNAVI R Ms. SIREESHA BAI K Ms. SWATHI A Ms. VARSHA D

29.	49S_BE_2310	AGROSPHERE: UNIFIED MARKET ECOSYSTEM FOR FARMERS	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	SRINIVAS INSTITUTE OF TECHNOLOGY, VALACHIL, MANGALURU	Prof. ABHIJNHA B N Prof. NAGARAJA HEBBAR N	Mr. DARSHAN K S Mr. J S MITHUN Mr. PARAMVEER Mr. PREETHAM C G
30.	49S_BE_4583	DHARAAAI: AN AI-POWERED ADVISORY SYSTEM FOR CROP SELECTION, FERTILIZER OPTIMIZATION, AND SUSTAINABLE FARMING	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	SRINIVAS INSTITUTE OF TECHNOLOGY, VALACHIL, MANGALURU	Prof. KIRAN	Ms. SHASHMITHA V Ms. CHETHANA KESHAVA SHETTIGAR Ms. DYNA PEMMAIAH K Ms. SANJANA K S
31.	49S_MCA_0241	SAFEZONE - SMART EMERGENCY ALERT AND SAFETY ASSISTANCE WEB APPLICATION	M.C.A.	COMPUTER APPLICATIONS	SRINIVAS UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY, MUKKA, MANGALURU	Prof. K MADHUSUDHA	Mr. DEVIKIRAN Mr. RAKSHITH Ms. ANANYA Ms. SANDHYA S
32.	49S_MSC_0235	STATE-OF-THE-ART ML-DRIVEN TOURISM FORECASTING AND INSIGHT SYSTEM WITH ACTIONABLE FOOTFALL & REVENUE MAXIMIZATION	M.Sc	COMPUTER SCIENCE	St. JOSEPH'S UNIVERSITY, BENGALURU	Dr. B G PRASANTHI Dr. B NITHYA	Mr. DEEMANTH S Mr. B K KAUSHIK KUMAR Mr. S SYED ZAFFER Mr. VISHWAS DEVENDRA MADHAK
33.	49S_BE_3695	DESIGN AND DEVELOPMENT OF UNMANNED AERIAL SYSTEM(UAS) SIMULATOR FOR LABORATORY STUDIES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	C.M.R. INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. SUTAPA SARKAR	Ms. V C SHRIYAA Ms. ANUSHREE J Ms. VARSHASRI S Ms. VIDAPANAKAL SWETHA